

Express Mail Label No.: EK611904533US
Date of Deposit: October 15, 2001

11/10

PATENT
Attorney Docket No.: 23484-021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ART UNIT: Not Yet Assigned
APPLICANTS: Makonnen Melaku et al.
SERIAL NO: Not Yet Assigned
FILING DATE: Herewith
FOR : LAST MILE QUALITY OF SERVICE BROKER (LMQB) FOR
MULTIPLE ACCESS NETWORKS

JC986 U.S. PTO
09/977781
10/15/01

October 15, 2001
Boston, Massachusetts

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97, and 1.98, Applicants hereby make of records the attached documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application. The order of presentation of the references should not be construed as an indication of the importance of the references.

- ☐ This Information Disclosure Statement is being been filed:
within three months of the filing date of the National Application;
- ☐ within three months of the filing date of the entry of the National Stage, as set forth in 37 C.F.R. §1.491, in an International Application; or
- ☒ before the mailing date of a first Office Action on the merits in the above-identified case.
Accordingly, no fee or certification is required. 37 C.F.R. §1.97

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

APPLICANT(S): Makonnen Melaku et al.

By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested. Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 23484-021.

Respectfully submitted,



C. Eric Schulman, Esq. (Reg. No. 43,350)
Attorney for Applicants
MINTZ, LEVIN, COHN, FERRIS,
GLOVSKY and POPEO, P.C.
One Financial Center
Boston, Massachusetts 02111
Tel: (617) 542-6000
Fax: (617) 542-2241

Please type a plus sign (+) in this box



PTO/SB (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	Not Yet Assigned
	Filing Date	Herewith
	First Named Inventor	Makonnen Melaku et al.
	Group Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	23484-021



U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	5,701,465	12/23/97	Baughner et al.	395	610	
	A2	6,078,566	06/20/00	Kikinis	370	286	
	A3	6,104,712	08/15/00	Robert et al.	370	389	
	A4	6,115,370	09/05/00	Struhsaker et al.	370	342	
	A5	6,115,390	09/05/00	Chuah	370	443	
	A6	6,144,645	11/07/00	Struhsaker et al.	370	280	
	A7	6,147,975	11/14/00	Bowman-Amuah	370	252	
	A8	6,157,614	12/05/00	Pasternak et al.	370	236	
	A9	6,167,273	12/26/00	Mandyam	455	450	
	A10	6,181,692	01/30/01	DeGolia, Jr.	370	352	
	A11	6,195,697	02/27/01	Bowman-Amuah	709	224	
	A12	6,226,277	05/01/01	Chuah	370	328	

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	B1				
	B2				
	B3				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Java Community Process - JSRs: Java Specification Requests - Detail JSR 90 OSS Quality of Service API; [online], [retrieved on 2001-09-24]; Retrieved from the Internet <URL:http://jcp.org/jsr/detail/090.ppt>.
	C2	Durham et al., "The COPS (Common Open Policy Service) Protocol", [online], [retrieved on 2001-10-10]; Retrieved from the Internet <URL:http://asg.web.cmu.edu/rfc/rfc2748.html>.
	C3	Braden et al., "Resource ReSerVation Protocol (RSVP)", [online], [retrieved on 2001-10-10]; Retrieved from the Internet <URL:http://www.cis.ohio-state.edu/cgi-bin/rfc/rfc2205.html>.

* copies of these references are not provided as they were previously cited by or submitted to the office in a prior application, U.S.S.N. _____, filed _____, which is a continuation of U.S.S.N. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
--------------------	--	-----------------	--